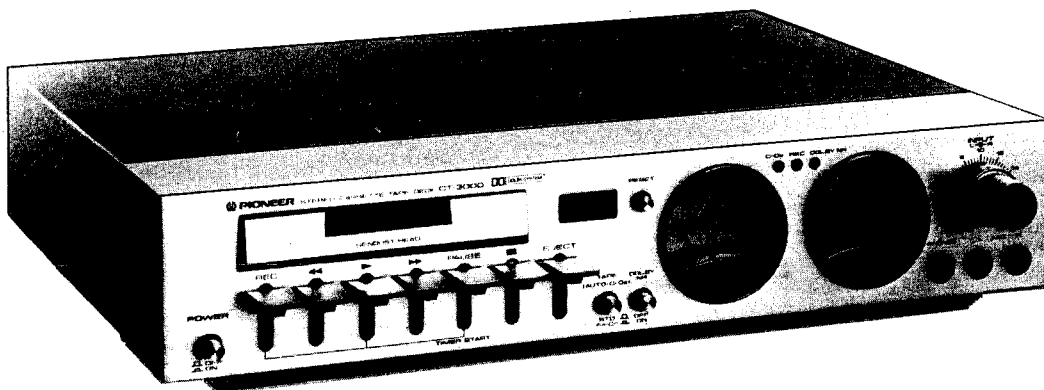


CASSETTE TAPE DECK

CT-3000

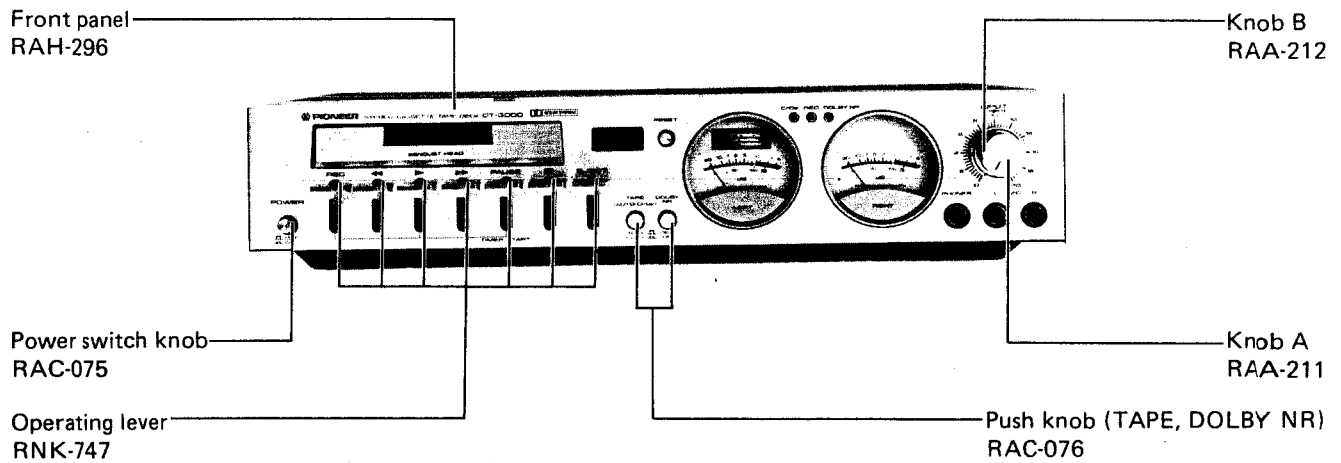
SERVICE MANUAL



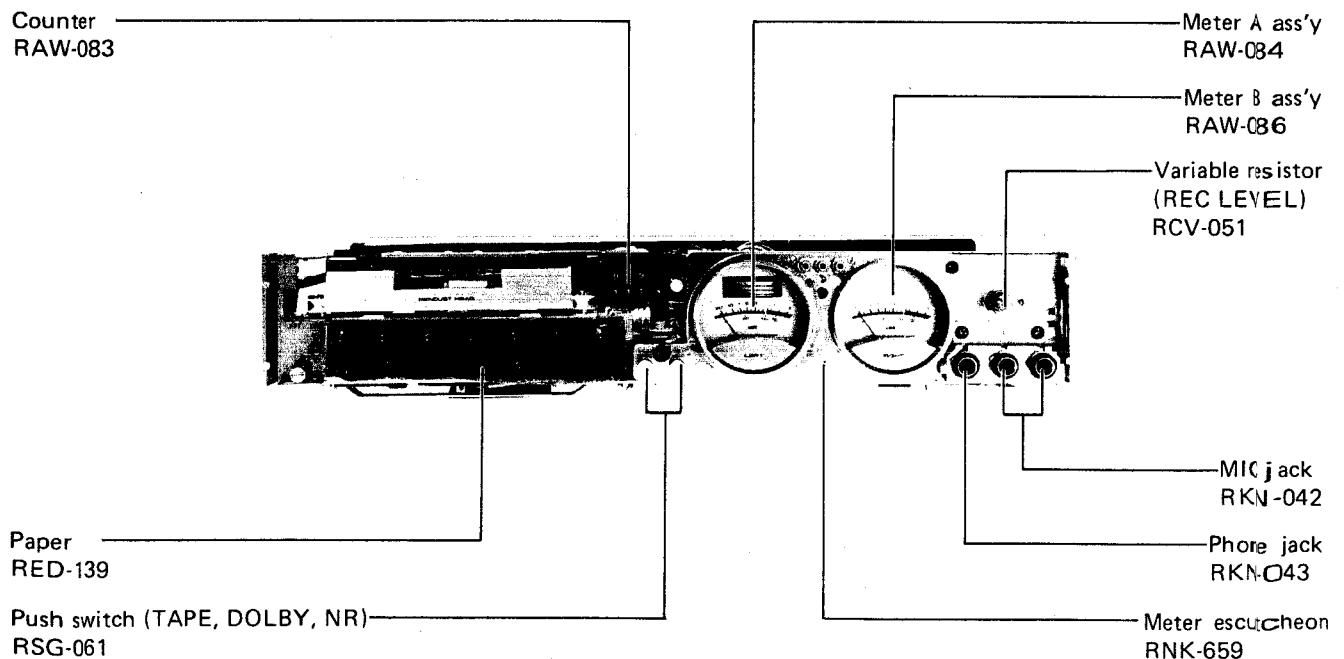
 **PIONEER®**

PARTS LOCATION

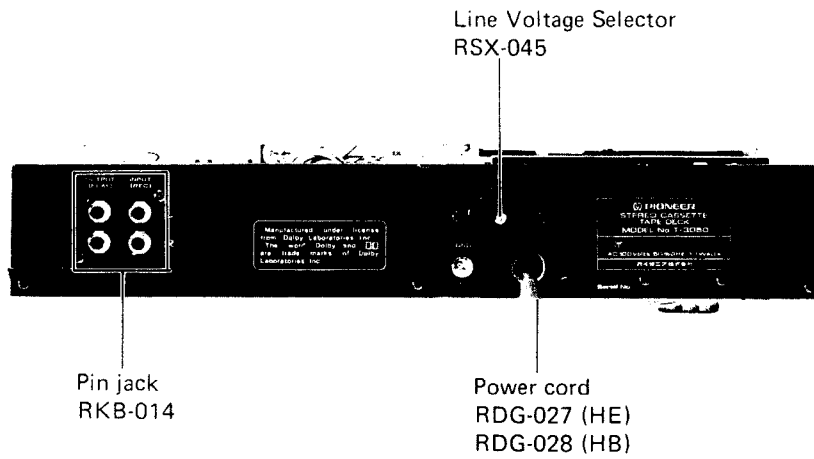
■ FRONT PANEL VIEW



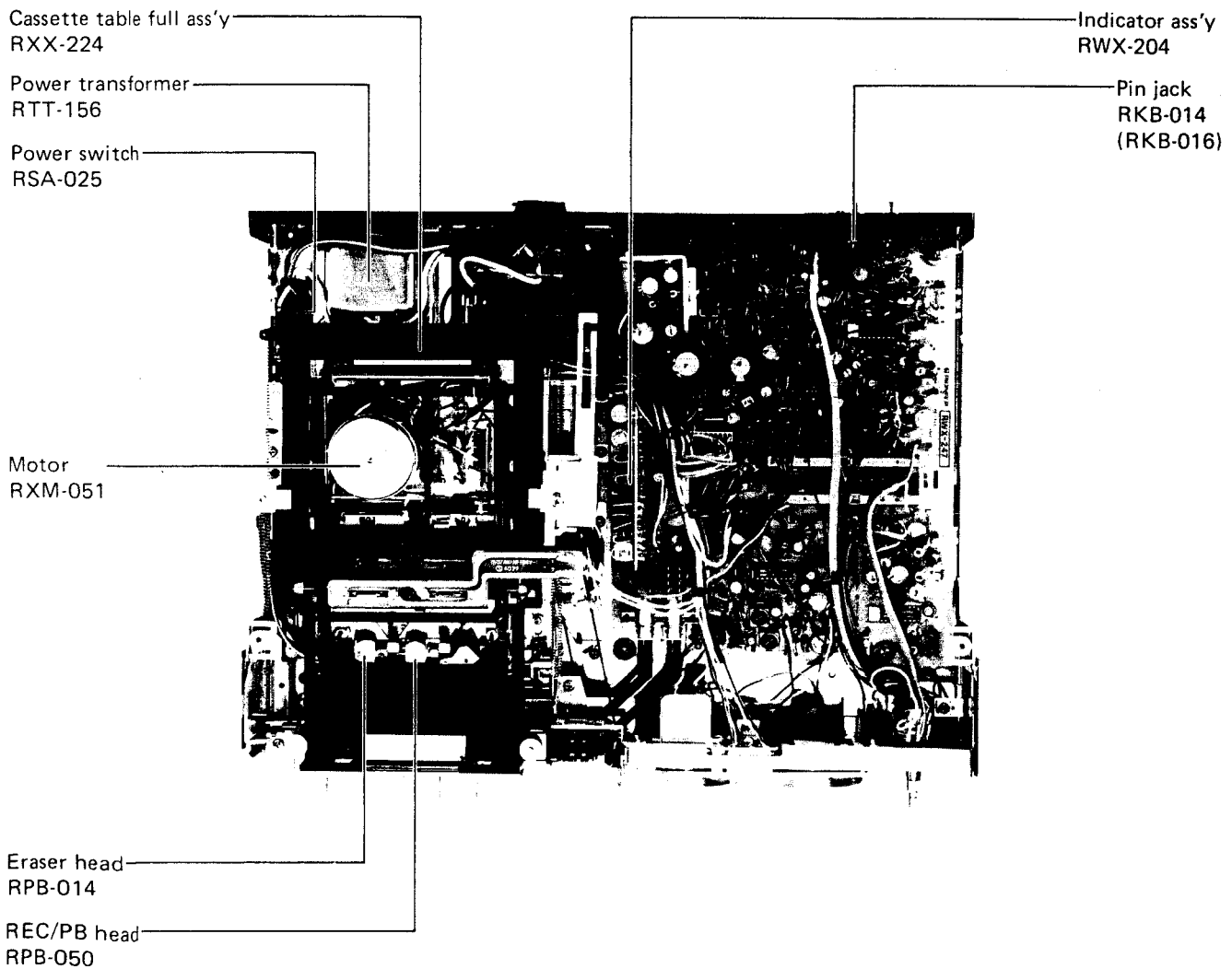
■ FRONT VIEW WITH FRONT PANEL REMOVED



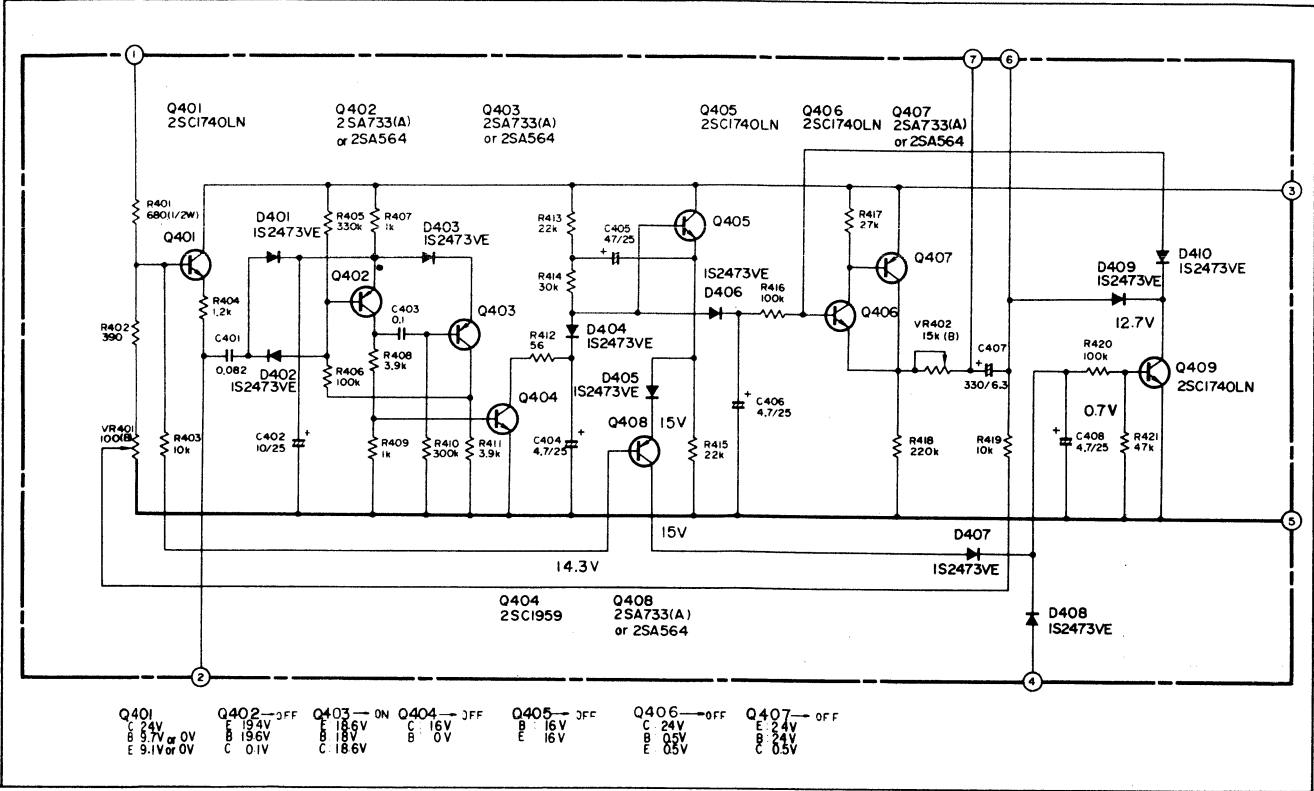
■ REAR PANEL VIEW



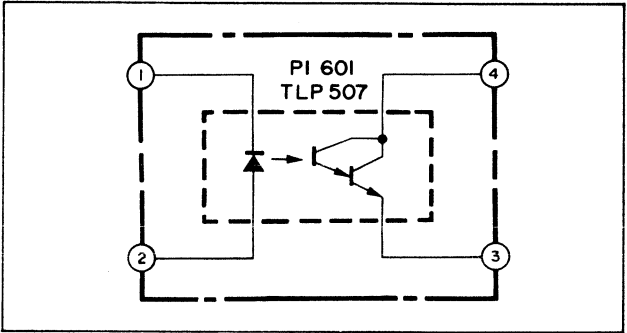
■ TOP VIEW WITH BONNET REMOVED



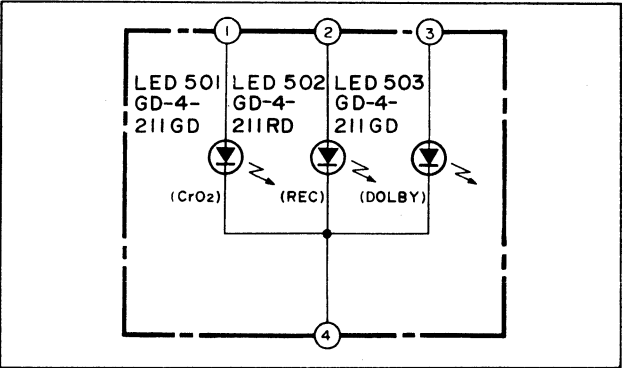
TAPE INDICATION ASSEMBLY (RW-204)



SENSING ASSEMBLY

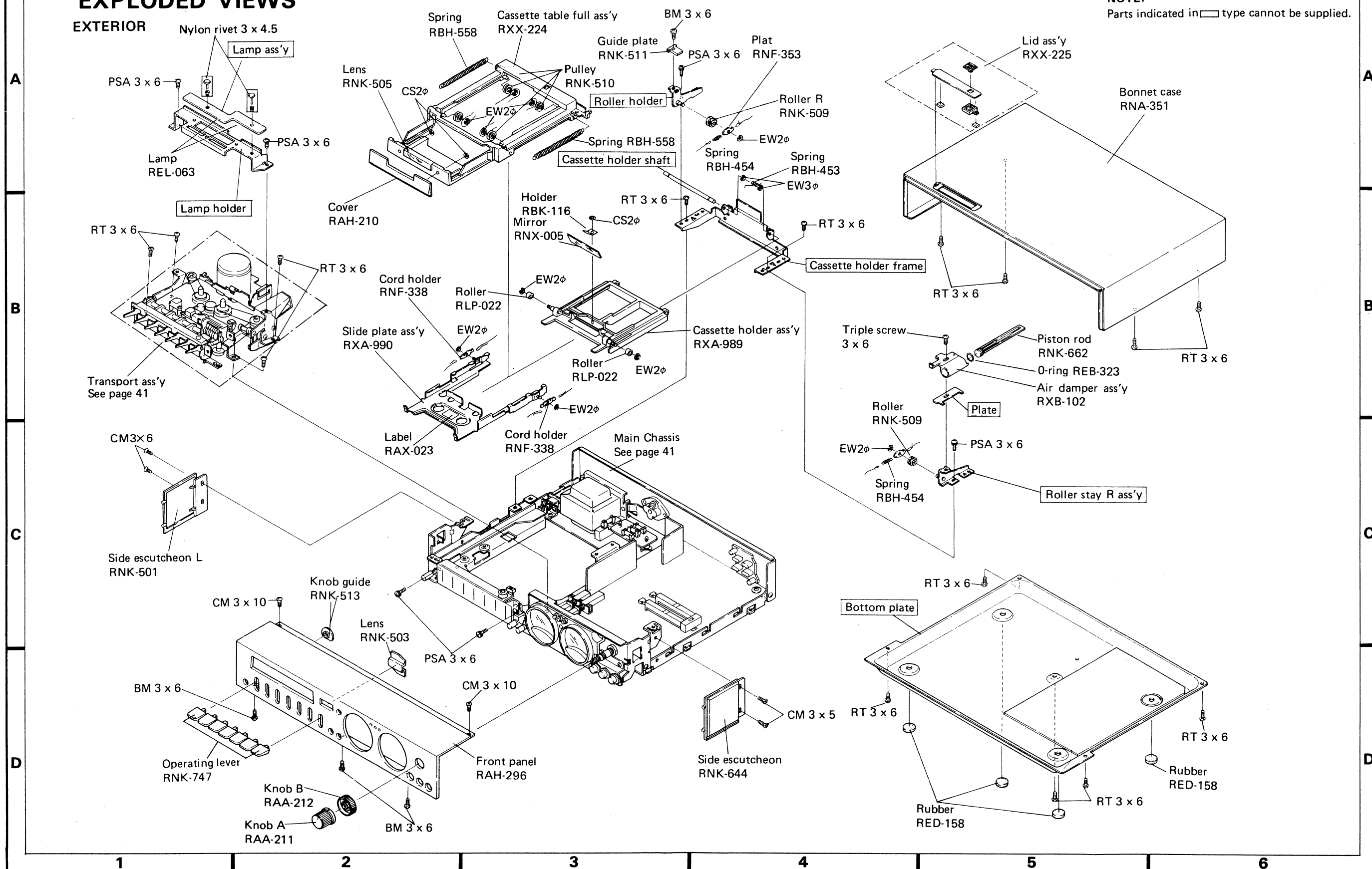


LED ASSEMBLY



EXPLODED VIEWS

EXTERIOR



NOTE:
Parts indicated in ☐ type cannot be supplied.

MAIN CHASSIS

NOTE:
Parts indicated in □ type cannot be supplied.

The diagram illustrates the exploded view of the main chassis, showing the following components and their assembly locations:

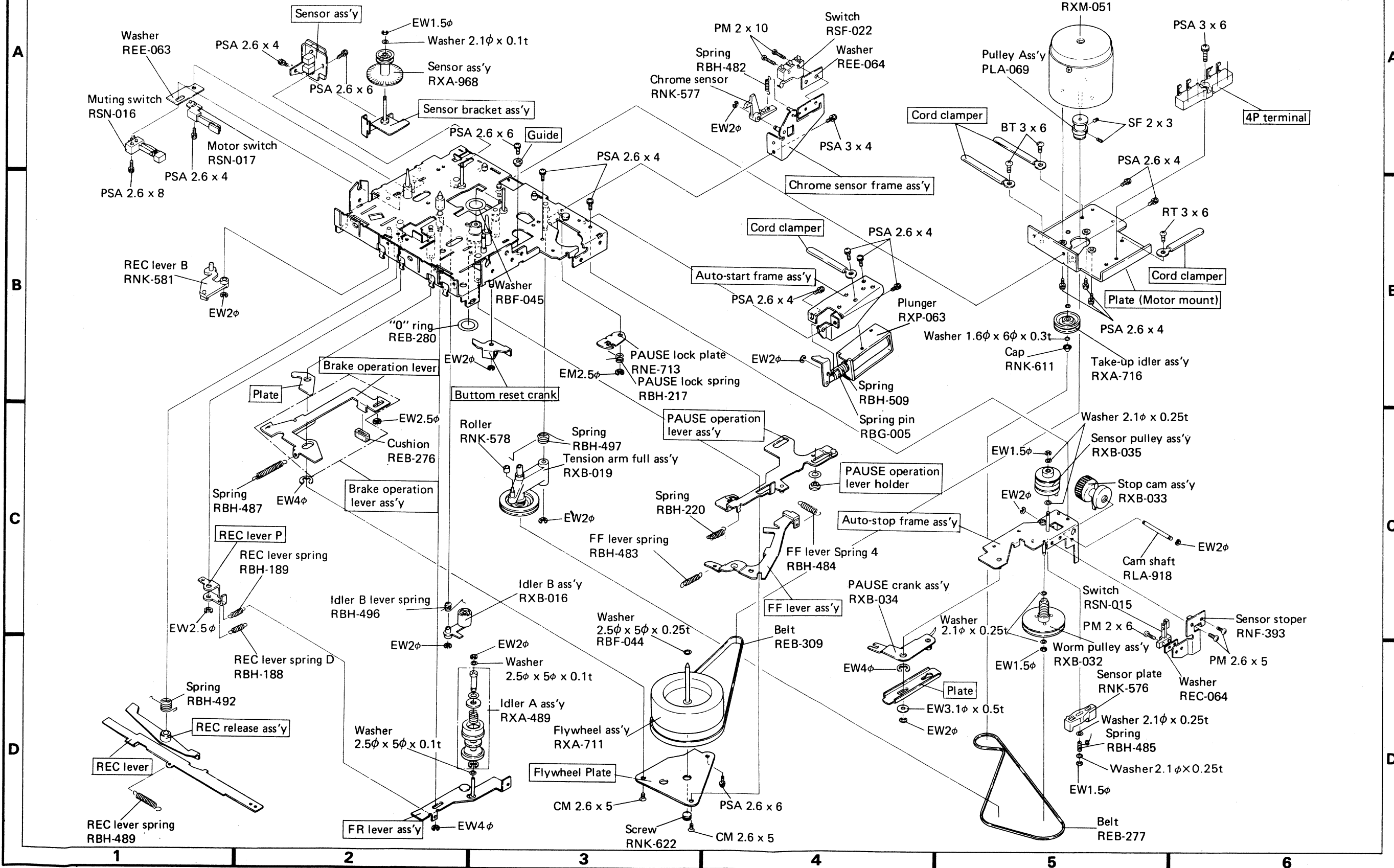
- Power Section:** Power switch joint, Power switch RSA-025, Transformer holder, Power transformer RTT-156, Fuse 500mA REK-049, Fuse holder, Line Voltage Selector RSX-045, Fuse assembly, Bass, Strain relief REC-272, Power cord RDG-027 (HE) RDG-028 (HB), Ground terminal 2P, PSA 4 x 8, EW3φ, REC lever B RNF-360, REC lever B spring RBH-458, Ground terminal 1P.
- Control Section:** Cord clammer, Main chassis, Sub-stay ass'y, Paper RED-139, Side guide roller RNK-507, Stopper REB-153, Pulley holder ass'y, EW2φ, BM 3 x 6, RT 3 x 6, Panel stay, Variable resistor RCV-051, Spring RBH-457, REC lever ass'y, Rod RBH-459, Phone jack RKN-043, Mic jack RKN-042, Switch joint RNK-516, Push knob RAC-076, Mother ass'y.
- Meter and Indicator Section:** Meter A ass'y RAW-084, Meter lamp REL-057, Indicator ass'y, Collar RLA-499, Meter escutcheon RNK-659, RT 3 x 6, Meter B ass'y RAW-086, Nut RBN-006, Jack holder plate.
- Other Components:** Rear panel, Flat washer 4φ x 10φ x 1t, BM 4 x 8, RT 3 x 6, REC joint RNK-694, Heat sink, Connector RKP-040, Pin jack RKB-014 (RKB-016), Push switch RSG-061, Switch RSH-033, Mother P.C. board, Flat washer 3φ, RT 3 x 6.

The diagram includes a coordinate grid with numbers 1 through 6 along the top and bottom edges, and letters A through D along the left and right edges.

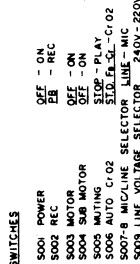
Parts indicated in ☐ type cannot be supplied.

TRANSPORT ASSEMBLY 2

NOTE:
Parts indicated in type cannot be supplied.



CONNECTION DIAGRAM



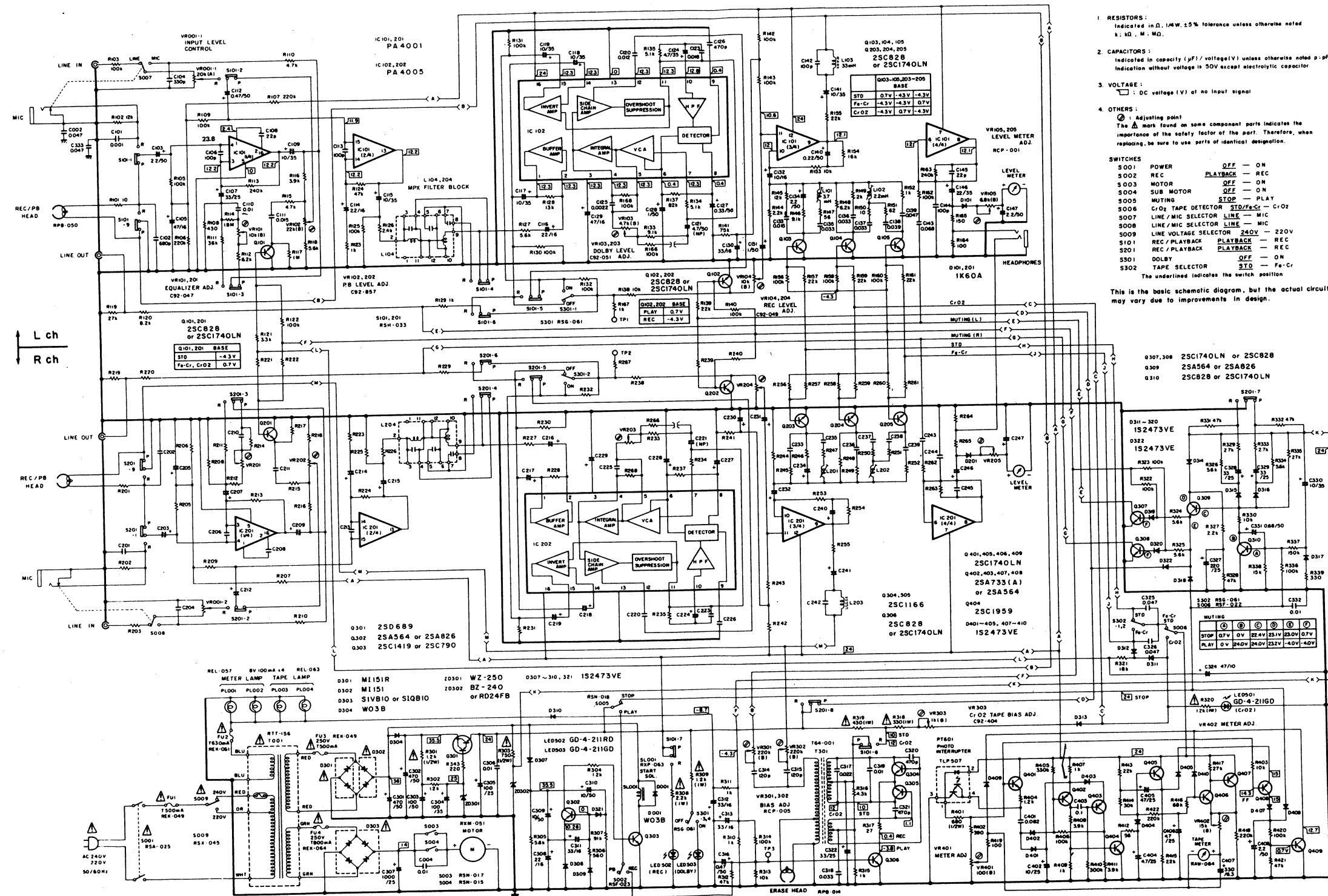
A

B

lc

D

SCHEMATIC DIAGRAM



P.C. BOARDS CONNECTION DIAGRAM

A

B

C

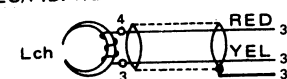
D

Mother assembly

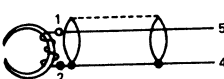
LEVEL METER



REC/P.B. HEAD

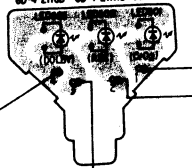


ERASE HEAD

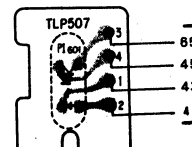


LED Ass'y

GD-4-21HD GD-4-21HD GD-4-21HD



SENSING Ass'y



TAPE INDICATOR

REC SWITCH

METER LAMP

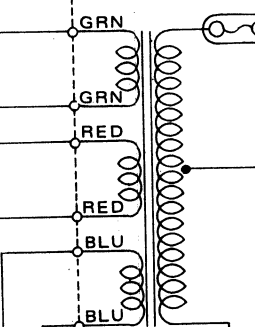
PL001 PL002

PL003 PL004

LAMP Ass'y

HEADPHONE

POWER TRANSFC



FU4 1800mA

FU5 1500mA

FU2 1630mA

FU3 1500mA

FU1 1500mA

FU6 1500mA

FU7 1500mA

FU8 1500mA

FU9 1500mA

FU10 1500mA

FU11 1500mA

FU12 1500mA

FU13 1500mA

FU14 1500mA

FU15 1500mA

FU16 1500mA

FU17 1500mA

FU18 1500mA

FU19 1500mA

FU20 1500mA

FU21 1500mA

FU22 1500mA

FU23 1500mA

FU24 1500mA

FU25 1500mA

FU26 1500mA

FU27 1500mA

FU28 1500mA

FU29 1500mA

FU30 1500mA

FU31 1500mA

FU32 1500mA

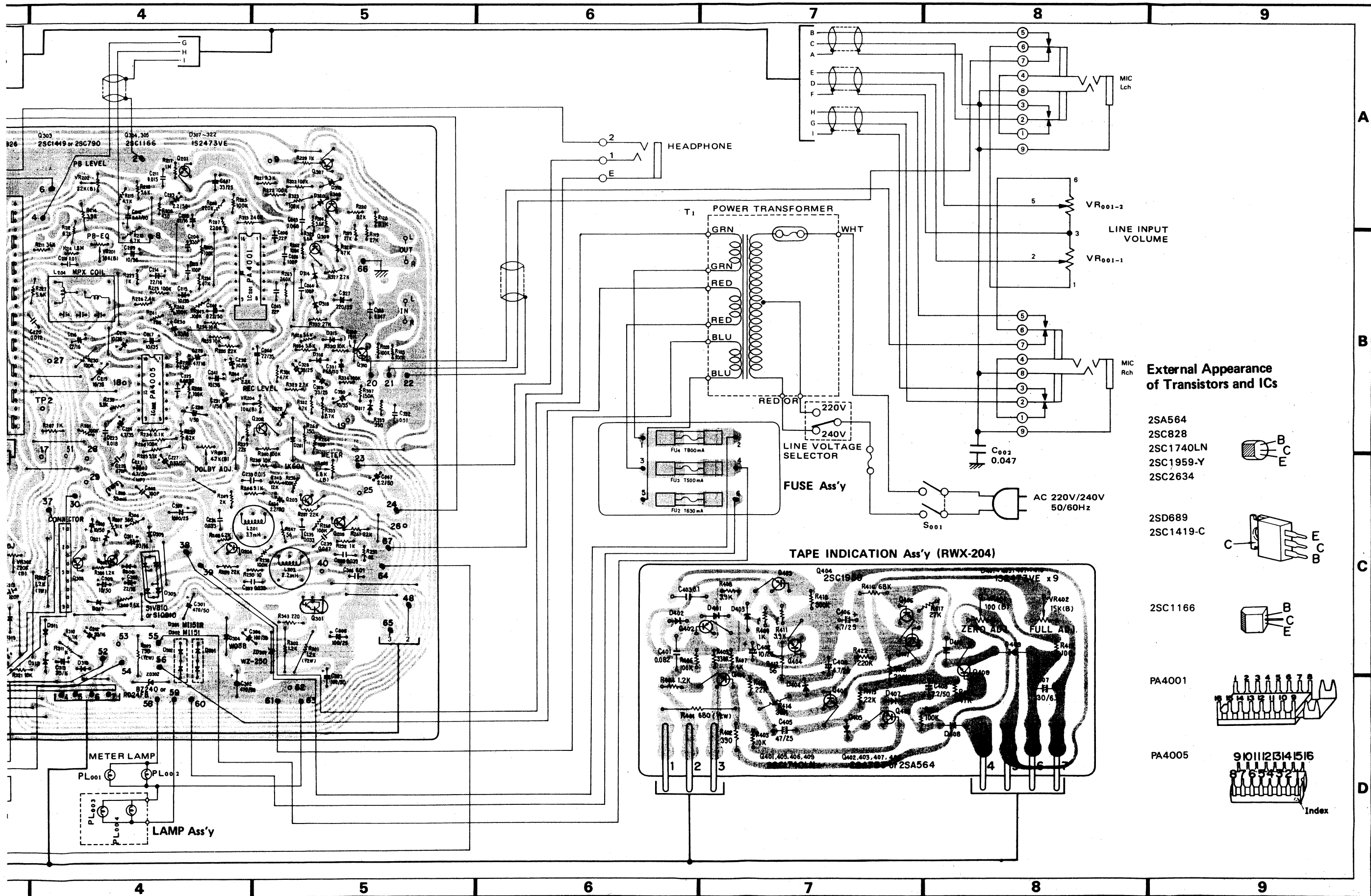
FU33 1500mA

FU34 1500mA

FU35 1500mA

FU36 1500mA

FU37 1500mA

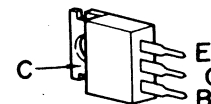


External Appearance of Transistors and ICs

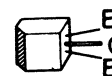
2SA564
2SC828
2SC1740LN
2SC1959-Y
2SC2634



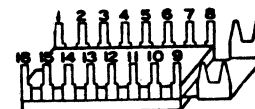
2SD689
2SC1419-C



2SC1166



PA4001



PA4005

